

Title (en)
Lift limit switch

Title (de)
Hubendschalter

Title (fr)
Connecteur terminal de levage

Publication
EP 2311771 B1 20140305 (DE)

Application
EP 10008963 A 20100827

Priority
DE 202009014066 U 20091016

Abstract (en)
[origin: EP2311771A2] The switch (22) has a reading and writing device (20) for reading and writing data, where operating condition of the switch is readable by the reading and writing device using a unit. The unit comprises two transponders (T1, T2) that convey the operating condition of the switch to the reading and writing device. The transponders are fastened to a movably guided carrier (23) and the reading and writing device comprises multiple reading and writing areas. The transponders are arranged depending upon the operating condition in the reading areas of the reading and writing device. An independent claim is also included for a lifting device comprising two different guidance units.

IPC 8 full level
B66C 15/06 (2006.01); **B66C 13/46** (2006.01); **B66C 13/50** (2006.01)

CPC (source: EP US)
B66C 13/46 (2013.01 - EP US); **B66C 13/50** (2013.01 - EP US); **B66C 15/065** (2013.01 - EP US)

Citation (examination)
DE 20208474 U1 20020905 - DEMAG MOBILE CRANES GMBH & CO [DE]

Cited by
CN102602816A; CN102491182A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 202009014066 U1 20110303; CN 102040163 A 20110504; CN 102040163 B 20150325; EP 2311771 A2 20110420; EP 2311771 A3 20110525; EP 2311771 B1 20140305; EP 2404861 A1 20120111; EP 2404861 B1 20130130; JP 2011084403 A 20110428; JP 5785704 B2 20150930; US 2011089131 A1 20110421; US 8657134 B2 20140225

DOCDB simple family (application)
DE 202009014066 U 20091016; CN 201010514605 A 20101015; EP 10008963 A 20100827; EP 11008098 A 20100827; JP 2010229469 A 20101012; US 90358210 A 20101013